

June 15, 2015

Mr. Brian Lyle
Wrightsville Borough
P.O. BOX 187
Wrightsville, PA 17368

Certificate of Analysis

Project Name:	Public Water Supply Samples	Workorder:	2075939
Purchase Order:		Workorder ID:	TOC/Alkalinity

Dear Mr. Lyle:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, June 10, 2015.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Mrs. Kelli L Wolfgang (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

Mrs. Kelli L Wolfgang
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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SAMPLE SUMMARY

Workorder: 2075939 TOC/Alkalinity

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2075939001	Raw Miller Lake TP 300	Drinking Water	6/10/2015 11:00	6/10/2015 15:21	Collected by Client
2075939002	Finished TP 300	Drinking Water	6/10/2015 11:10	6/10/2015 15:21	Collected by Client

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)

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**ANALYTICAL RESULTS**

Workorder: 2075939 TOC/Alkalinity

Lab ID: **2075939001**

Date Collected: 6/10/2015 11:00

Matrix: Drinking Water

Sample ID: **Raw Miller Lake TP 300**

Date Received: 6/10/2015 15:21

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
WET CHEMISTRY									
Alkalinity, Total	81		mg/L	5	S2320B-97		6/11/15 13:41	MBW	B
Total Organic Carbon (TOC)	4.3		mg/L	1.0	S5310B-00		6/11/15 11:58	PAG	A

Mrs. Kelli L Wolfgang

Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2075939 TOC/Alkalinity

Lab ID: **2075939002**
Sample ID: **Finished TP 300**Date Collected: 6/10/2015 11:10 Matrix: Drinking Water
Date Received: 6/10/2015 15:21

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
WET CHEMISTRY									
Total Organic Carbon (TOC)	2.9		mg/L	1.0	S5310B-00		6/11/15 11:58	PAG	A

Mrs. Kelli L Wolfgang
Project Coordinator**ALS Environmental Laboratory Locations Across North America****Canada:** Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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Middletown, PA 17
P. 717-944-5541
F. 717-944-1430

**CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS**

Page _____ of _____
 Courier: _____
 Tracking #: _____



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**Matrix: Al=Air; DW=Drinking Water; GW=Groundwater; Ol=Oil; OL=Other Liquid; SL=Sludge; SO=Sol; WP=Wipe; VW=Wastewater

...H, etc.

Rev 01-2013